BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

BBMP/2023-24/OW/WORK_INDENT1994

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/10/2023-24 Dated: 03-02-2024

APPROVED TENDER SCHEDULE - B

Item-05

Name of Work:-Repairs and Maintenance of existing borewells in ward no 01 Kempegowda.

Sl	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri. RAJESH A(R R ENGINEERING WORKS ..)	
				Rate	Rate in words
1	Rewinding of submersible pumpset with copper winding wires of appropriate guage, as per specifications and / or directions of the departmental officials, including all materials, labour, equipment and testing. for all types of submersible pumpsets etc.(with guarantee period not less than 6 months) as per the Directions of Egineer In-Charge. For all types of submersible pumpsets above 10 HP and upto 11 H.P as per the Directions of Egineer In-Charge.	Nos	20.00	5414.71	Five Thousand Four Hundred Fourteen Paise SeventyOne Only
2	For all types of submersible pumpsets above 12 HP and upto 13 H.Pas per the Directions of Egineer In-Charge.	Nos	20.00	6162.49	Six Thousand One Hundred SixtyTwo Paise FourtyNine Only
3	Replace the components of submersible pump sets, requiring replacements decided by the departmental officials, with respective make of damaged ones, including all materials, labour, equipments and testing etc.(with gurantee of period not less than 1 year) for: as per the Directions of Egineer In-Charge. The bowls of same type and make as per the Directions of Egineer In-Charge.	Each	20.00	1545.00	One Thousand Five Hundred FourtyFive Only
4	The Intermediate piece (IP) with IP leaded bronze brush as per the Directions of Egineer In-Charge.	Each	20.00	1081.50	One Thousand EightyOne Paise Fifty Only
5	The Oil Seal as per the Directions of Egineer In-Charge.	Each	20.00	360.50	Three Hundred Sixty Paise Fifty Only
6	The Oil Seal.and steel bush as per the Directions of Egineer In-Charge.	Each	20.00	257.50	Two Hundred FiftySeven Paise Fifty Only
7	The Guide Vane as per the Directions of Egineer In-Charge.	Each	20.00	721.00	Seven Hundred TwentyOne Only
8	The Impeller (Shell moulded with aluminium and bronze.) as per the Directions of Egineer In-Charge.	Each	20.00	1545.00	One Thousand Five Hundred FourtyFive Only
9	The discharge outlet (DO) bearing DO steel brush DO bearing as per the Directions of Egineer In-Charge.	Each	20.00	2111.50	Two Thousand One Hundred Eleven Paise Fifty Only
10	The steel bearing bush (DO steel bush) as per the Directions of Egineer In-Charge.	Each	20.00	412.00	Four Hundred Twelve Only
11	The allen screw as per the Directions of Egineer In-Charge.	Each	20.00	1236.00	One Thousand Two Hundred ThirtySix Only
12	The pump shaft made out of stainless steel counterless ground with key way (upto 8 stages). Extra for Each stage @ Rs.40/-. as per the Directions of Egineer In-Charge.	Each	20.00	1545.00	One Thousand Five Hundred FourtyFive Only

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Sl	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri. RAJESH A(R R ENGINEERING WORKS ..)	
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13	Pump key (stainless steel) as per the Directions of Egineer In-Charge.	Each	20.00	669.50	Six Hundred SixtyNine Paise Fifty Only
14	Pump coupling (stainless steel) as per the Directions of Egineer In-Charge.	Each	20.00	1545.00	One Thousand Five Hundred FourtyFive Only
15	Non-return valve (NRV) assembly complete with rubber 'O' ring as per the Directions of Egineer In-Charge.	Each	20.00	669.50	Six Hundred SixtyNine Paise Fifty Only
16	Cable Guad as per the Directions of Egineer In-Charge.	Each	20.00	360.50	Three Hundred Sixty Paise Fifty Only
17	Strainer as per the Directions of Egineer In-Charge.	Each	20.00	463.50	Four Hundred SixtyThree Paise Fifty Only
18	Brass filter as per the Directions of Egineer In-Charge.	Each	20.00	1081.50	One Thousand EightyOne Paise Fifty Only
19	The Labour Charges for overhauling of the pump set as per the Directions of Egineer In-Charge.	Each	20.00	927.00	Nine Hundred TwentySeven Only
20	C.Replacement of Motor parts Replace the components of motor parts of submersible pump sets, items requiring replacements decided by the departmental officials, with respective make of damaged ones, including all materials, labour, equipments and testing etc and wtih guarantee/warranty for one year for: as per the Directions of Egineer In-Charge. Upper Flange as per the Directions of Egineer In-Charge.	Each	20.00	669.50	Six Hundred SixtyNine Paise Fifty Only
21	Lower Flange as per the Directions of Egineer In-Charge.	Each	20.00	669.50	Six Hundred SixtyNine Paise Fifty Only
22	Lower Housing as per the Directions of Egineer In-Charge.	Each	20.00	1236.00	One Thousand Two Hundred ThirtySix Only
23	Lock Ring as per the Directions of Egineer In-Charge.	Each	20.00	360.50	Three Hundred Sixty Paise Fifty Only
24	Carbon Housing as per the Directions of Egineer In-Charge.	Each	20.00	2060.00	Two Thousand Sixty Only
25	The Carbon Housing (Thrust bearing block assembly complete with segment bearing pad as per the Directions of Egineer In-Charge.	Each	20.00	2266.00	Two Thousand Two Hundred SixtySix Only
26	The Carbon Housing (Top carbond / ferrodo padding) as per the Directions of Egineer In-Charge.	Each	20.00	360.50	Three Hundred Sixty Paise Fifty Only
27	Stud and Nuts as per the Directions of Egineer In-Charge.	Each	20.00	206.00	Two Hundred Six Only
28	The Gun Metal bearing, centrifugally cast Aluminium Bronze bearing bush as per the Directions of Egineer In-Charge.	Each	20.00	875.50	Eight Hundred SeventyFive Paise Fifty Only
29	Circlips as per the Directions of Egineer In-Charge.	Each	20.00	206.00	Two Hundred Six Only
30	Motor base with pin as per the Directions of Egineer In-Charge.	Each	20.00	515.00	Five Hundred Fifteen Only
31	Transportotion of pumping machineries as per the Directions of Egineer In-Charge.	Each	20.00	1545.00	One Thousand Five Hundred FourtyFive Only
32	Labour charges Over hauling only) Motar as per the Directions of Egineer In-Charge.	Each	20.00	3090.00	Three Thousand Ninety Only

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Sl	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri. RAJESH A(R R ENGINEERING WORKS ..)	
				Rate	Rate in words
33	Labour charges for Lifting of non functioning submersible pump set along with cable and GI pipes (Each length = 6m)). for 50 mm as per the Directions of Egineer In-Charge.	Job	700.00	235.87	Two Hundred ThirtyFive Paise EightySeven Only
34	Labour charges for Erection of new / repaired submersible pump set along with GI pipes (32mm / 50mm), cable (New submersible pump set if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (Each length = 6 m)as per the Directions of Egineer In-Charge.	Job	700.00	192.61	One Hundred NinetyTwo Paise SixtyOne Only
35	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 4.0Sqm as per the Directions of Egineer In-Charge.	Rmtr	150.00	173.04	One Hundred SeventyThree Paise Four Only
36	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 6.0Sqm as per the Directions of Egineer In-Charge.	Rmtr	150.00	252.35	Two Hundred FiftyTwo Paise ThirtyFive Only
37	Fabricating supplying and mounting MS box made out 14SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete., as per the Directions of Egineer In-Charge. 1200x850x2=2040000, 850x350x2=595000, (350+450)/2=400, 400x1200=480000, 480000x2=960000, 3595000/100=35950Sqcm	Sqm	143800.00	0.51	Paise FiftyOne Only
38	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. Flat.....with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40 x 40 x 6 mm as per the Directions of Egineer In-Charge. (Per leg 2. 5MtrX2 Nos legs)=5.00 Mtr Per Box	Rmtr	20.00	314.15	Three Hundred Fourteen Paise Fifteen Only
39	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 as per the Directions of Egineer In-Charge.	Each	6.00	3180.64	Three Thousand One Hundred Eighty Paise SixtyFour Only
40	Supplying & fixing of Porcelain fuse channel with cutout on existing wooden/panel using necessary nuts, bolts and washers as per the Directions of Egineer In-Charge.	Each	7.00	413.03	Four Hundred Thirteen Paise Three Only
41	Providing, Laying and Fixing of GI pipes conforming to IS 1239:1990 with latest amendments complete with GI fittings (excluding the cost of fittings) with cuts and threads wherever necessary, including testing for water tightness, with all lead and commissioning. (contractor will make his own arrangements for procuring water for testing) For:Heavy Duty GI Pipe etc. complete. Light Duty GI pipe of 50mm dia as per the Directions of Egineer In-Charge.	Rmtr	200.00	455.26	Four Hundred FiftyFive Paise TwentySix Only

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	Description of work	Unit	Approved Qty	Sri. RAJESH A(R R ENGINEERING WORKS ..)	
				Rate	Rate in words
42	Providing Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, to work site as per necessary ammendments and instructions of engineer incharge of work as per the Directions of Egineer In-Charge. For 12.50 HP - 90 LPM @ 264 m = 24 STG Outlet Dia - 2.00" as per the Directions of Egineer In-Charge.	Nos	2.00	66051.84	SixtySix Thousand FiftyOne Paise EightyFour Only
43	Providing Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, to work site as per necessary ammendments and instructions of engineer incharge of work as per the Directions of Egineer In-Charge. 15.00 HP - 120 LPM @ 266 m = 23 STG Outlet Dia - 2.00" as per the Directions of Egineer In-Charge.	Nos	1.00	71424.32	SeventyOne Thousand Four Hundred TwentyFour Paise ThirtyTwo Only
44	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50mm dia as per the Directions of Egineer In-Charge.	Each	5.00	1287.50	One Thousand Two Hundred EightySeven Paise Fifty Only
45	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge.	Each	5.00	275.01	Two Hundred SeventyFive Paise One Only
46	Supply and delivery at site wrought middle steel (galvanized) GI elbow confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge..	Each	5.00	275.01	Two Hundred SeventyFive Paise One Only
47	Supply and delivery at site wrought middle steel (galvanized) GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI hexagonal nipple as per the Directions of Egineer In-Charge.	Each	5.00	219.39	Two Hundred Nineteen Paise ThirtyNine Only
48	Providing wrought mild steel (galvanized) GI collar confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI collar as per the Directions of Egineer In-Charge.	Nos	40.00	275.01	Two Hundred SeventyFive Paise One Only
49	Logging / scanning of borewell at any depth continuously with the help of Logger unit including the cost of transportation charges, crew charges, stationery charges and cost of consumables etc as per the Directions of Egineer In-Charge.	Each	5.00	3784.22	Three Thousand Seven Hundred EightyFour Paise TwentyTwo Only
50	Lifting of struck up Submersible Pump set, upto 300 ft as per the Directions of Egineer In-Charge.	Job	5.00	7010.18	Seven Thousand Ten Paise Eighteen Only
51	Cutting and threading G.I. pipes for pump fitting, public fountains with appurtenances., where the length of pipe laid is less than 6 metres Pipes of dia 32mm to 80mm as per the Directions of Egineer In-Charge.	Each	200.00	331.66	Three Hundred ThirtyOne Paise SixtySix Only

For R R ENGINEERING WORKS

Signature of the Contractor

Proprietor

Executive Engineer
Yelahanka Division
Yelahanka Zone
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